

AMENDMENTS TO THE SPECIFICATION

Please make the following amendments to the Specification.

Please replace paragraph 0032 with the following paragraph:

A sequence listing in accordance with 37 C.F.R. §§ 1.821-1.825 is attached to the present invention, ~~comprising 7,351 genomic sequences,~~ is and contained in a file named ~~SEQ_LIST.TXT~~ "SeqList.txt" (~~1,207,121~~ 9 KB, ~~16 Feb 04~~ created July 2, 2007), and is hereby incorporated by reference herein.

Please replace paragraph 0110 with the following paragraph:

Fig. 23B is a schematic representation of secondary folding of hairpins of the operon-like cluster of Fig. 23A. The hairpins shown are as follows: N2 (SEQ ID NO: 7403), N3 (SEQ ID NO: 7404), MIR23 (SEQ ID NO: 7405), GAM22 (SEQ ID NO: 7406), GAM116 (SEQ ID NO: 7407), N116 (SEQ ID NO: 7408), N4 (SEQ ID NO: 7409), N0 (SEQ ID NO: 7410), N6 (SEQ ID NO: 7411), MIR24 (SEQ ID NO: 7412), and N7 (SEQ ID NO: 7413);

Please replace paragraph 0112 with the following paragraph:

Fig. 24A, is an annotated sequence of EST72223 (SEQ ID NO: 7414) comprising known miRNA oligonucleotide MIR98 and novel oligonucleotide GAM25 PRECURSOR detected by the oligonucleotide detection system of the present invention[~~;~~ and~~]~~. Additionally annotated in EST72223 are the miRNA-98 hairpin in bold (SEQ ID NO: 7415), the sequence of the mature miRNA-98 in bold and underline (SEQ ID NO: 7416), the sequence of the GAM25 hairpin in bold (SEQ ID NO: 7417), and the sequence of the mature miRNA of GAM25 in bold and underline (SEQ ID NO: 7418).